

Abstract of the Disclosure

A method, apparatus, and system for rendering are disclosed. A rendering request is defined, where the rendering request describes an object to be rendered. A progressive cache is queried to determine a cached element most representing a display image satisfying the rendering request. The cached element is sent to a starting stage of a rendering pipeline for the object, where the starting stage is associated with the cached element. An output of the starting stage is sent to an input of a next stage of the rendering pipeline. A final stage of the rendering pipeline determines the display image satisfying the rendering request.